

Docket No.: 3645-0114P  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Richard THOMPSON et al.

Application No.: 10/673,409

Confirmation No.: 2702

Filed: September 30, 2003

Art Unit: 1743

For: EXCITATION RATIOMETRIC  
FLUORESCENT BIOSENSOR FOR ZINC ION  
AT PICOMOLAR LEVELS

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Examiner: A. Soderquist

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated April 5, 2007, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** are presented beginning on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.